

CURRICULUM VITAE

A. PERSONAL PARTICULARS

1. **FULL NAME:** DR. DEUSDEDIT PETER MLAY
2. **DATE OF BIRTH:** 03 APRIL, 1972
3. **MARITAL STATUS:** Married
4. **CONTACT ADDRESS:** TARI UKIRIGURU, P.O. BOX 1433, MWANZA
PHONE: +255713 580 438, +255 686 492 244
Email: pdmlay@gmail.com or deusdedit.peter@tari.go.tz

B. EDUCATION:

Year	Level	Name of College
2006 – 2011	PhD Soil Science (Fertility)	Sokoine University of Agriculture, Morogoro, Tanzania
1999 – 2002	Masters of Science in Soil Science and Land Management	Sokoine University of Agriculture, Morogoro, Tanzania
1995 – 1999	Bachelor of Science in Agronomy	Sokoine University of Agriculture, Morogoro, Tanzania

B. PUBLICATIONS

1. Masunga, Habai Rafael ; Chernet, Meklit ; Ezui, Kodjovi Senam ; Mlay, Peter Deusdedit ; Olojede, Adeyemi ; Olowokere, Florence ; Busari, Mutiu ; Hauser, Stefan ; Kreye, Christine ; Bajjukya, Frederick ; Merckx, Roel ; Pypers, Pieter (2024). Explaining variation in cassava root yield response to fertiliser under smallholder farming conditions using digital soil maps. *European Journal of Agriculture*.
2. **Mlay, D.P.** and Lisuma, J.B. (2022). Assessing the Potential of Irrigating Against Rainfed *Manihot Esculenta* Crantz Under Different Levels of NPK Fertilizers on Storage Root Yields in Tanzania Lake Victoria Zone. *J Mod Agric Biotechnol* 2022; 1(2):10 (Published on 28th April 2022).
3. Peña, R., Lee, S.J., Thuita, M., **Mlay, D.P.**, Masso, Vanlauwe, B., Rodriguez, A. and Sanders, I.R. (2021). The Phosphate Inhibition Paradigm: Host and Fungal Identity Arbuscular Mycorrhizal Fungal Colonization and Phosphorus Supply. *Frontiers Plant Science* (Published on 22nd June 2021).
4. Uzokwe, V.E., **Mlay, D.P.**, Masunga, H.R., Kanju, E., Odeh, I.O.A. and Onyeka, J. (2016). Combating viral mosaic disease in the Lake Zone of Tanzania by intercropping with legumes. *Crop Protection*, 84 (2016) 69-80.
5. **Mlay, D.P.**, Mrema, J.P. and Msacky, J.P. (2012) Cassava-legume intercropping: A strategy to the better cassava crop performance. LAMBERT Academic Publishers, Saarbrücken, Germany. ISBN : 978-3-659-23185-8.
6. **Peter, D.**, Mrema, J.P. and Msacky, J.P. (2011) Effects of intercropping cassava with some legumes on cassava growth performance, soil fertility improvement and whitefly control. A thesis submitted in fulfilment of the requirements for degree of doctor of Philosophy of Sokoine university of agriculture. Morogoro, Tanzania. 275pp.

7. **Mlay D.P.**, Mrema, J.P. and Msacky, J.P. (2011) Effects of intercropping cassava with some legumes on cassava growth performance, soil fertility improvement and whitefly control. A thesis submitted in fulfilment of the requirements for degree of doctor of Philosophy of Sokoine university of agriculture. Morogoro, Tanzania. 275pp.
8. **Mlay D.P.** and Semu, E. (2002). Occurrence of Streptomyces antagonistic to plant pathogens in pathogen infested soils. A dissertation submitted in a partial fulfilment of the requirements for Master of science of Sokoine university of agriculture. Morogoro, Tanzania. 75pp.
9. **Mlay D.P.** and Kilasara, M. (1999). Geomorphic soil type relationships and their use pattern. Case study of Uluguru Mountains, Morogoro, Tanzania. A special project submitted in a partial fulfilment of the requirements for bachelor of science of Sokoine university of agriculture. Morogoro, Tanzania. 89pp

D. WORK EXPERIENCE:

Date	Designation
June 2022 – To Date	Principal Research Officer II
November, 2021 – June 2022	Senior Research Officer I
June 2015 – November 2021	Principal Agricultural Research Officer I
February, 2012 – June 2015	Principal Agricultural Research Officer II
June, 2008 – February 2012	Senior Agricultural Research Officer
August, 2003, - June 2008	Agricultural Research Officer II

F. PROFESSIONAL EXPERIENCE

Actual Positions	Responsibilities
1. Centre Research and Innovation Coordinator and Agronomist at TARI Ukiriguru. July 2019 to date.	Charged with Coordination of all research and innovation activities in the Lake Zone, write-up and conducting on-farm research on cassava agronomy and soil fertility management in roots and other crops in the Lake Zone Tanzania.
2. Deputy National Coordinator for Roots and Tuber Research Program November 2020 to date.	Assisting National Coordinator for Roots and Tuber Research Program in coordinating root crops research in Tanzania.
Previous positions	
1. CARE International HIV project coordinator in all armies in Kibaha district, Coast Tanzania. November 2003 to July 2004.	Charged with implementation, monitoring and reporting of all project activities in all army camps in Kibaha district, Coast region, Tanzania.
2. Agricultural Research Technical Assistant, AVRDC, Arusha, Tanzania. March 2002 to October 2002.	Charged with the daily research conduct at the Centre.

G. RESEARCH COLLABORATIONS, CONSULTANCIES AND SPECIAL ASSIGNMENTS

1. Research Collaborations

- **Lausanne University, Switzerland:** Appointed as Country Research Coordinator in “*A microbial revolution: Improving mycorrhizal fungi to increase cassava productivity in Africa Project (2016 to 2019)*”.
- **International Institute for Tropical agriculture (IITA) under African Cassava Agronomy Initiatives (ACAI) project:** Appointed as Country Research Coordinator in “*Taking Agronomy to Scale in Cassava-based Systems in Sub-Saharan Africa Project. (2016 to date)*”.
- **International Institute for Tropical agriculture (IITA) under SARD-SC project:** Appointed as Collaborator in “*Investigating the role of cassava on the livelihoods of the small-scale farmers in SAGCOT area (Kigoma, Tanzania) (2014 to 2016)*”.
- **International Centre for Tropical Agriculture (CIAT):** Appointed as a visiting researcher on “*Improving the livelihood of African smaller farmers by scaling up the production of cassava material through the adaptation of low-cost techniques developed by CIAT*”, Cali, Colombia, from 17th January to 25th February 2007.
- **International Potato Centre (CIP):** Appointed as a collaborator in conducting research on the “*Impact assessment of the improved sweet potato varieties in the Lake Zone of Tanzania (2006)*”.

2. Consultancies and Special assignments

- **VI-Agroforestry Tanzania:** Appointed as Consultant in preparing and presenting a paper on: “*Contribution of agroforestry on the Right to Food in Tanzania*” in Agroforestry Symposium held in VI-Agroforestry Training Centre on 2 – 4th December 2021.
- **VI-Agroforestry Tanzania:** Appointed as Consultant in: “*Contribution of agroforestry on the Right to Food in Tanzania*” (August - September 2021)”.
- **VI-Agroforestry Tanzania:** Appointed as Consultant in: “*Rapid assessment of household food security during the period of COVID-19 pandemic in Mwanza city, Tanzania (August - September 2020)*”.
- **VI Agroforestry Tanzania:** Appointed as Consultant in reviewing: “*The benefits of Agroforestry over conversional agriculture in Tanzania and elsewhere (July - August 2020)*”.
- **VI-Agroforestry Tanzania:** Appointed as Consultant in preparing and presenting a paper on: “*Contribution of agroforestry in the livelihood improvement*” in Agroforestry Symposium held in VI-Agroforestry Training Centre on November 2019.
- **HELVETAS Swiss Intercooperation, RIPOMA project, Tanzania:** Appointed as Consultant in “*Conducting a Baseline Survey for RIPOMA Project in Morogoro Region. (November to December 2017)*”.
- **HELVETAS Swiss Intercooperation, Climate Change project, Tanzania:** Appointed as Consultant in “*Conducting an Appraisal on climate change adaptation intervention in Singida region. (June to July 2017)*”.
- **HELVETAS Swiss Intercooperation, EU KUWAKI project, Tanzania:** Appointed as Consultant in “*Conducting a baseline on the Consequences of post-harvest losses to vegetable farmers in Tanzania, A case of Singida region (May to June 2014)*”

- **Plan International South Sudan:** Appointed as Consultant in “*Assessing Agricultural and Livestock potentials in Central Equatorial and Jonglei States*”, 20th January to 19th February 2013.

G. REFEREES

- i. Paul Saidia (PhD)
 - Designation: Centre Director
 - Organisation: TARI Ukiriguru
 - Address: P.O. Box 1433, Mwanza, Tanzania
 - Mobile No. 0762 881 855
 - Email: paul.saidia@tari.go.tz

- ii. Emmanuel Mrema (PhD)
 - Designation: Centre Director
 - Organisation: TARI, TUMBI
 - Address: P.O. Box 306, Tabora, Tanzania
 - Mobile No. 0754 948 785
 - Email: mremaemmanuel@yahoo.com

- iii. Jerome Mghase (PhD)
 - Designation: Centre Manager
 - Organisation: TARI, Dakawa
 - Address: P.O. Box 1892, Morogoro, Tanzania
 - Mobile No. 0765 081 976
 - Email: jeromemghase75@gmail.com

Name: Deusdedit Peter Mlay

Signature:

